

Title (en)
Motor-assisted single-wheel cart

Title (de)
Schubwagen mit Hilfsantrieb

Title (fr)
Brouette à assistance motorisée

Publication
EP 1437284 A2 20040714 (EN)

Application
EP 04008508 A 19981027

Priority

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- JP 29377197 A 19971027
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- JP 33733497 A 19971208

Abstract (en)
A motor-assisted single-wheel cart (1) is provided with a motor (5) for generating an assisting power in response to an operation force when operating an operation handle (7L, 7R) by a human hand, and a power transmission mechanism (6) for transmitting an output of the motor to an axle. The motor is arranged rearwardly upwardly of the axle so as to be positioned within a space (S) surrounded by an upper horizontal member (33) and a lower member (34) positioned below the upper horizontal member constituting a vehicle body frame (2) constituting the cart when viewing the vehicle body frame from a side surface thereof. The power transmission mechanism has a first speed reduction mechanism (50) arranged near the motor, a second speed reduction mechanism (80) arranged near the wheel and a transmission shaft (61) for connecting them. The transmission shaft is inserted to the first and second speed reduction mechanisms so as to be capable of being drawn out. <IMAGE>

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B62B 1/18 (2006.01); **B62B 5/00** (2006.01)

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